PARTS CATALOG

FOR

ONAN ELECTRIC GENERATING PLANTS

EL

ALTERNATING CURRENT MODELS



Printed in U.S.A.





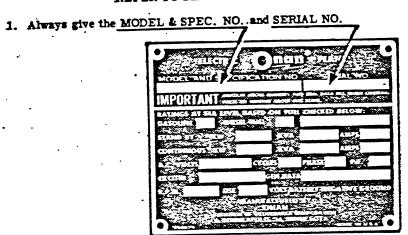




FOR PARTS OR SERVICE, CONTACT THE DEALER FROM WHOM YOU PURCHASED THIS EQUIPMENT OR REFER TO YOUR NEAR-EST AUTHORIZED SERVICE STATION.

TO AVOID ERRORS OR DELAY IN FILLING YOUR PARTS ORDER, PLEASE FURNISH ALL INFORMATION REQUESTED.

REFER TO THE NAMEPLATE ON YOUR PLANT



For handy reference, copy YOUR plant nameplate information in the spaces above.

- 2. Do not order by reference number or group number, use part number and description.
- 3. Give the part number, description and quantity needed of each item. If an old part cannot be identified, return the part prepaid to your dealer or nearest AUTHORIZED SERVICE STATION. Print your name and address plainly on the package. Write a letter to the same address stating the reason for returning the part.
- 4. State definite shipping instructions.

Any claim for loss or damage to your unit in transit should be filed promptly against the transportation company making the delivery. Shipments are complete unless the packing list indicates items are back ordered.

"Prices are purposely omitted from this Parts Catalog due to the confusion resulting from fluctuating costs, import duties, sales taxes, exchange rates, etc.

For Current parts prices, consult your Onan Dealer, Distributor or Parts and Service Center."

"En esta lista de partes los precios se omiten de proposito, ya que bastante confusion resulto de fluctuaciones de los precios, derechos aduanales, impuestos de venta, cambios extranjeros etc.

Consiga los precios vigentes de su distribuidor de productos "ONAN".





PARTS CATALOG



This parts catalog applies to the *standard EL Generating Plants as listed in the Plant Data Table.

Parts are illustrated and identified by corresponding reference numbers in the Parts List. Parts illustrations represent typical items and do not necessarily portary a particular part number.

Compare your ONAN plant nameplate MODEL and SPEC. NO. with the Plant Data Table. Select the Parts Key No. (1, 2 etc. in the last column) that applies to your plant Model and Spec. No. This Parts Key No. appears in the description of parts that differ between models. Unless otherwise mentioned in the parts description, parts are interchangeable between the various models.

PLANT DATA TABLE

| PLANT DESIGNATION MODEL SPEC | TYPE | ELEC WATTS | TRICAL D. VOLTS | ATA . | PHASE | PARTS KEY NO. |
|------------------------------------------------|----------------------------------------------|------------------------------------|------------------------------------------|----------------------|------------------|---------------------|
| 10EL-3R/ | HOUSED HOUSED | 10,000 9,000 | 115/230 115/230 | 60 50 | 1 | 1 |
| 10EL-4R/ | HOUSED HOUSED | 10,000 9,000 | 120/208 120/208 | 60 50 | 3 | 2 2 |
| 10EL-5R/ 9EL-55R/ 1A-1K | HOUSED HOUSED | 10,000 | 230 230 | 60 50 | 3 3 | 3 |
| 10EL-3R 10EL-3R8/ 9EL-53R/ 9EL-53R8/ | UNHOUSED UNHOUSED UNHOUSED UNHOUSED | 10,000 10,000 9,000 9,000 | 115/230 115/230 115/230 115/230 | 60 60 50 50 | 1 1 1 1 | 4 4 4 |
| 10EL-4R/ 10EL-4R8/ 9EL-54R/ 9EL-54R8/ | UNHOUSED UNHOUSED UNHOUSED UNHOUSED | 10,000 10,000 9,000 9,000 | 120/208 120/208 120/208 120/208 | 60 60 50 50 | 3 3 3 3 | 5 5 5 |
| 10EL-5R/ 10EL-5R8/ 9EL-55R/ 9EL-55R8/ | UNHOUSED UNHOUSED UNHOUSED UNHOUSED | 10,000 10,000 9,000 9,000 | 230 230 230 230 230 | 60 60 50 50 | 3 3 3 | 6 6 6 |

* while this catalog specifically covers the standard Spec 1 (Housed), and Spec 8 Unhoused plants we have listed also optional Groups for Gas-Gasoline (Spec 12) and Mounted Fuel Tank (Spec 28). For Spec Numbers other than these use this book as a guide. Order by description and include complete Model and Spec Number of your Plant.

NOTE: Part numbers prefixed by (FM) are Ford Motor Co. part numbers and may be secured through your local Ford Agency. Ford Model Number is 8NNN-1004. For quick service on Ford Parts it is suggested that you use this source of supply.



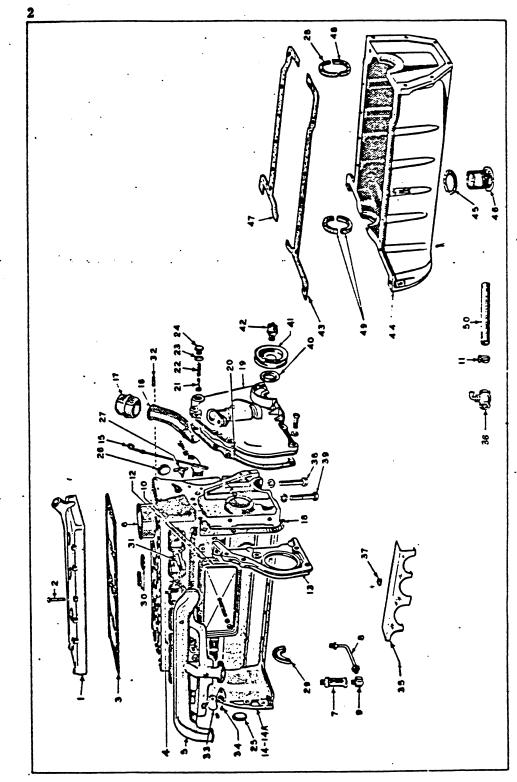




FIG. 1 - CYLINDER BLOCK GROUP - External

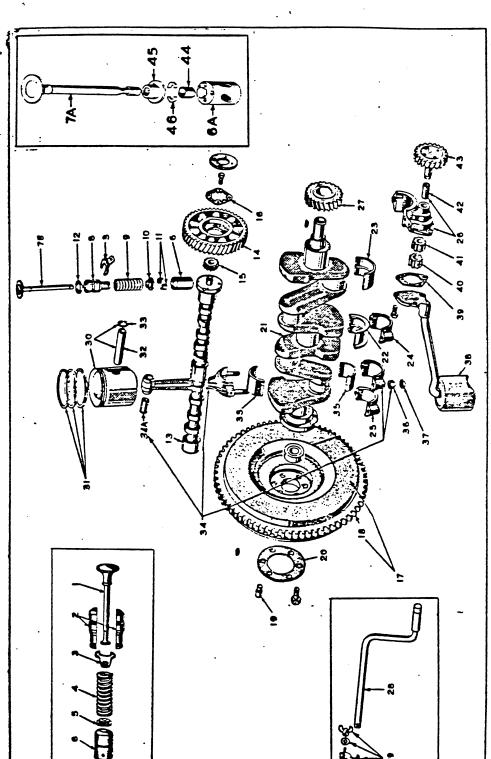


FIG. 2 - CYLINDER BLOCK GROUP - Internal

3



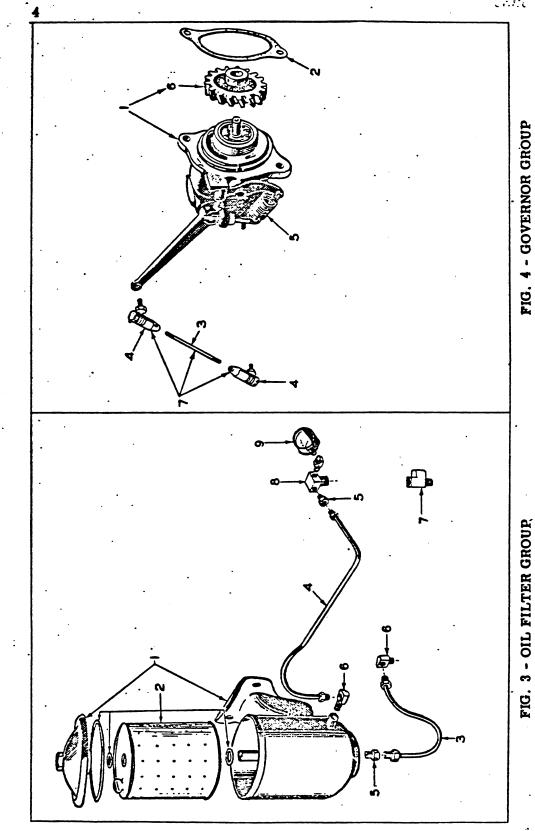
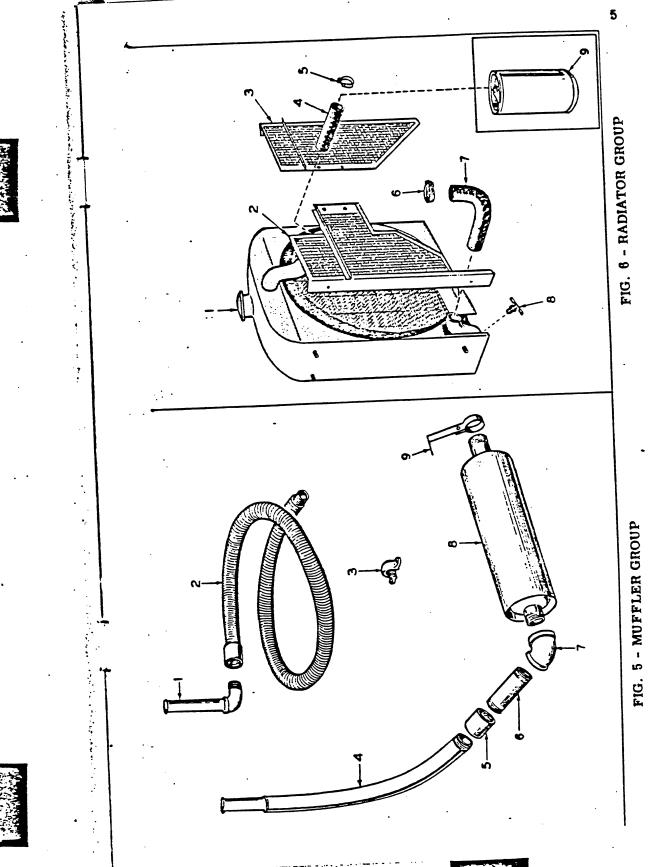


FIG. 3 - OIL FILTER GROUP,





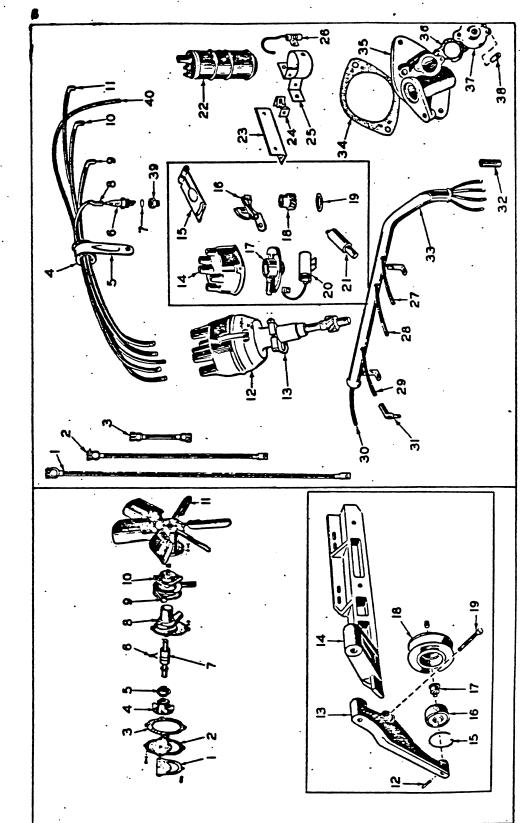
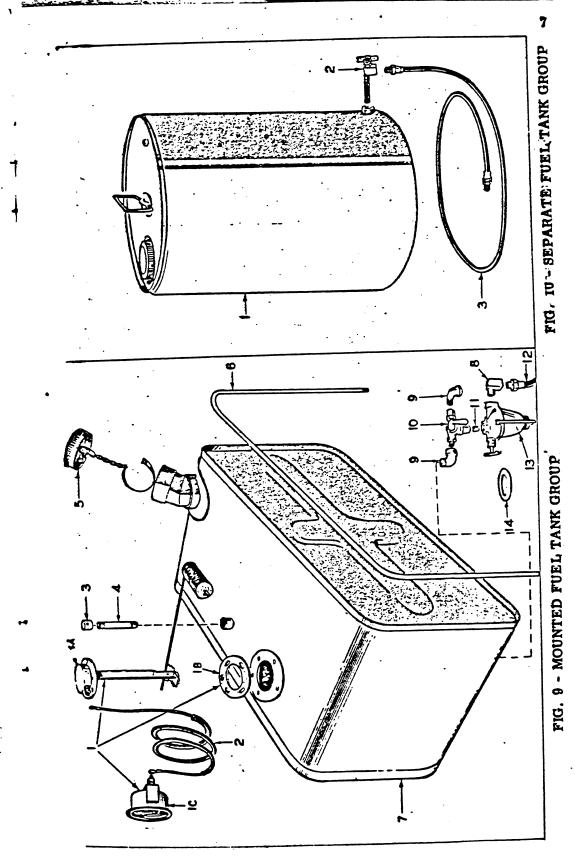




FIG. 7 - WATER PUMP GROUP

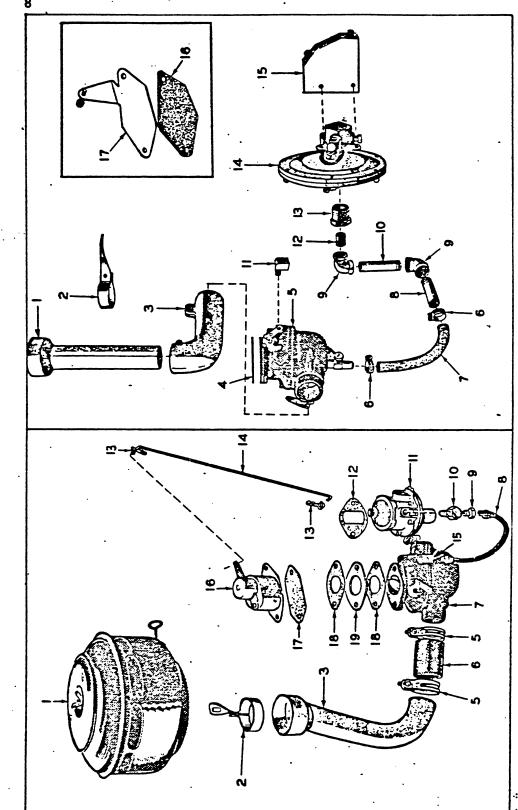






3

L



.. FIG. 11 - FUEL SYSTEM GROUP - Gasoline

FIG. 12 - FIIRT, RYSTEM GROTID - Gas-Gasolina



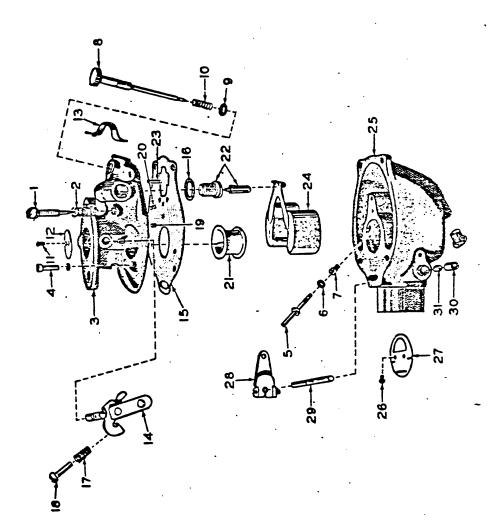




FIG. 13 - CARBURETOR GROUP

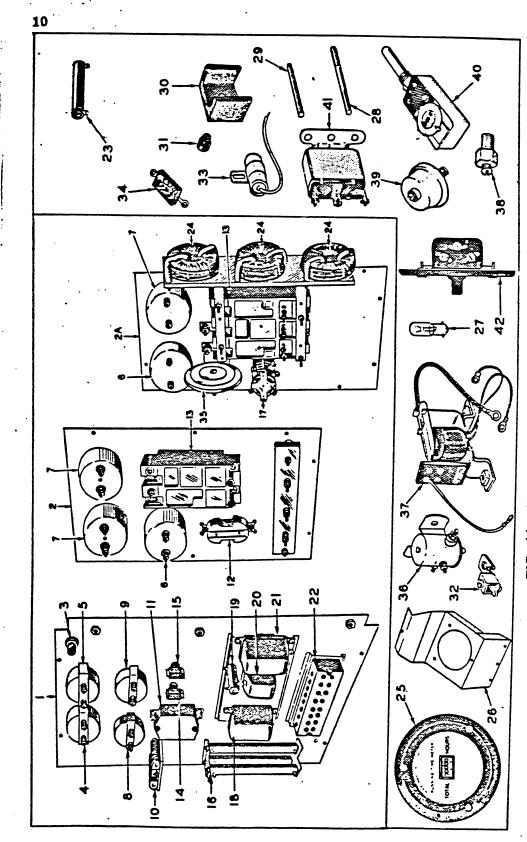


FIG. 14 - CONTROL GROUP - Housed Plant



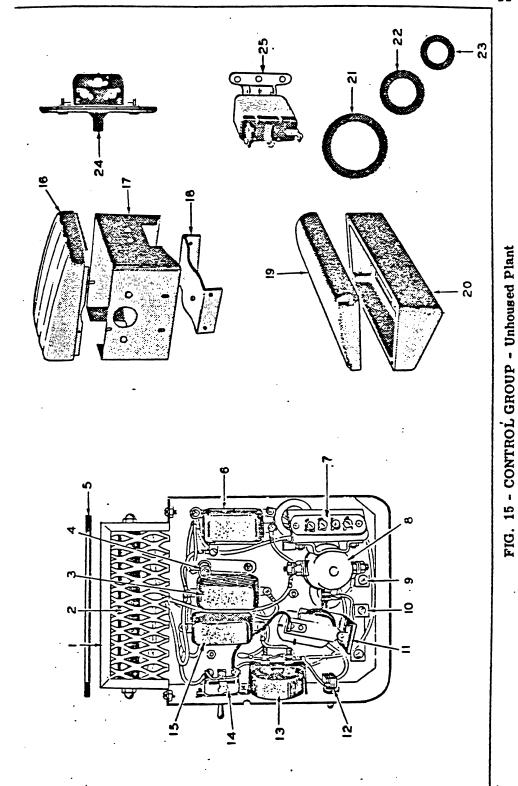
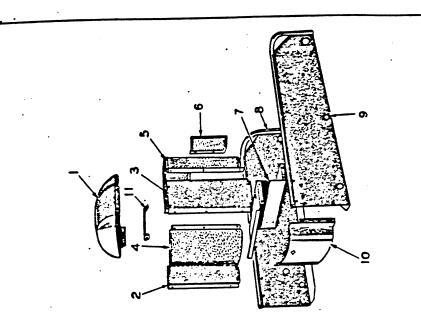






FIG. 16 - GENERATOR GROUP





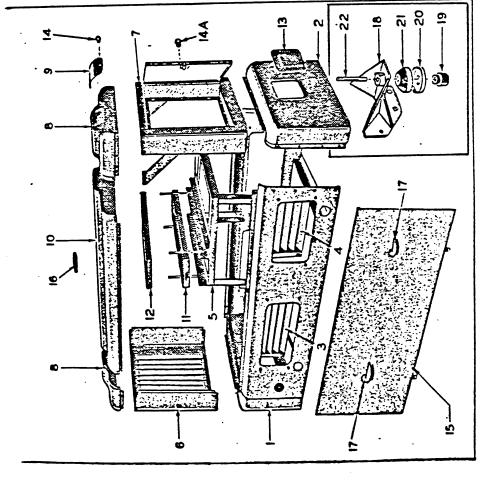


FIG. 17 - HOUSING GROUP



FIG. 18 - MOUNTING GROUP - Unhoused Plants E

| | | intons by ONAN to imp. saner, Fuel Filter, Oll rnor, Radiator, Fan, | Panlaces AfFM 2NC-6050A. | | cally - Replaces | | onnection = replaces | • | | | | | | | | | M)9N-0041. J. | | | | | | | | | |
|----------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------|---------------|----------------------------------|---------------------------|--------------------------|-----------------------|-----------------------|--------------------------------|---------------------------|-------------------------------------------|-------------------------------------------------------------------------------|--------------------------|-----------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------|--------------------------|-----------------------|--|
| DESCRIPTION | FIG. 1 - CYLINDER BLOCK GROUP - EXTERNAL | Engine, Replacement - 4 Cylinder Ford Model 8NNN-1004 with modifications by ONAN to Manifold, Valve Cover, Cylinder Head, Head Gasket, Oil Drain Plug. General Description: - INCLUDES Distributor, Flywheel, Water Pump. EXCLUDES Carburetor, Fuel Pump, Air Cleaner, Fuel Filter, Oil Filter, Coil, Spark Plugs, Governor, Radiator, Fan, | Fan Belt. | Head, Cylinder - W/provision for cut-off switch mounted vertically - heplaces virinjand-coccin- | Gasket, Cylinder Head - W/provision for cut-off switch mounted vertically - Replaces | Gaeket, Manufold to Cylinder Block. | Manifold, Intake and Exhaust - W/Provision for Choke and Breather Connection - Replaces | #(FM)SN-9425. | Sleeve, Cylinder - (FM)88A-0050. | Valve Assembly, Breather. | Tube Assembly, Breather. | Elbow, Breather Tube. | Cover, Valve Chamber. | Front - Replaces #(FM)2N-8520. | Rear - Replaces #123B189. | Clamp, Oll Drain Hose - Replaces #503-96. | Gasket, Valve Chamber Cover - Equal to (FM)7HA-5021 (Replaces r(FM)9N-5041.). | Cover, Timing Gear Side. | Begin Serial #417757. | Prior to Serial #417757. | Block Assembly, Cylinder - includes valves, ristolis, Dimit, Comission of the Annal Material Distriction of the Comission of | Prior to Serial #41 (13) (Direct Drive Distributor) | Begin Serial #417107 (Angle Drive Distributor). | Drior to Serial #417757. | Begin Bertal #417767. | |
| QUANT. USED | | - | | \$ | 9 | 64 | - | • | 7 | - | - | - | | - | - | ~ | ~ | | - | - | • | - | - | _ | ٠ 🕶 | |
| PART NO. | | 100A115 | | 110B509 | (FM)8N-5005-A1-A4 110B548 | 154A313 | 1548107 | | 185-13 | 123-188 | 123A190 | 502-42 | | (FM)7HA-6520 | 123B282 | _ | | | (FM)8N-6017B | (FM)9N-6017 | | 110A1021 | 110A1020 | A (FW)RN_R010A | (FM)8N-6010B | |
| NEF. | | | | | N 90 | 4 | 6 | | • | ۲ | & | • | 9 | , | | 11 | 13 | 13 | | | 7 | | • | \ \ I | | |



PARTS LIST

| | JP - EXTERNAL (Cont.) | " Overall Length). Overall Length). | ٠ | | | Begin Serial #411751. Gasket, Timing Gers Side Cover - (FM)8N-6018 - Replaces #(FM)9N-6018. | 6108-X5(X18)4 1101-11-11-11-11-11-11-11-11-11-11-11-11 | prior to Serial #417757 - (FM)ONY-6018 - Replaces #(FM)ONY-6018 | 8020C. | | . (FM)01A-0003. | teptraces (x xx/czz) | 68-6666. | | 8118_M00/m2/ | aces (rm)on corro. | r - (FM)91A-6335. | | | | |
|----------------|--------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------|-----------------------|--------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------|--------------------------|---------------------------------------------------|--------------------------------------------------|------------------------------------------|------------------------------|-----------------------------------|----------------------------------------------------|------------------------------------|---------------------|--------------|-----------------------------|------------------------------------------------------------|
| DESCRIPTION | FIG. 1 - CYLINDER BLOCK GROUP - EXTERNAL (Cont.) | Gauge, Oil Level. For Years 1939 through 1952 (12" Overall Length). | Tube, Oil Fill. Prior to Serial #417757. | Begin Serial #417757. | prior to Serial #417757. | Begin Serial #417757. Gasket, Timing Gear Side Cover - | Cover, Timing Gear Front. Begin Serial #417757. | prior to Serial #417757 - (FM)C | Gagket, Front Cover. Begin Serial #417757 - (FM)8N-6020C. | Prior to Serial #417757. | Plunger, Oil Pressure Relief Valve - (FM)ULA-0000 | Spring, Plunger - (FM) 9N-0034 - Replaces (1777) | Nut Pressure Relief Valve - (FM)68-6666. | Seal, Cambhall Rear Bearing. | Plug, Expansion - Cylinder Block. | Cock, Cylinder Block Drain - Replaces (rm/sin-off) | Packing, Crankshalt Front - Opper. | Ingert, Valve Seat. | Intake. | glud, Manifold to Block. | Stud, Water Pump to Block. Cover, Flywheel Timing Hole. |
| QUANT. USED | | ~ 4 • | - | - | - | | - | - | - | • | _ | ~ | -4 - | | · - | ~ | ~ • | - | 4. | r 4 * | e - |
| PART | | (FM)9N-6750-A1 | (FM)EAF-6750B | (FM)8N-6763B | 123A20 | 123B386 185-5 | (FW)8N-6019B | 185-6 | 1 | 1100804 | 185-58 | 185-57 | 167-24 | 185-58 | (FM)741208 | 504-3 | (FM)B-6700-A3 | 185-31 | (FM)40-6057B | (FM)52-6057B (FM)88403-S | (FM)88376-58 (FM)8N-6087 |
| ZE. O.F. | | 15 | 16 | | 1.1 | 18 | 10 | | 20 | | 21 | 22 | 23 | 24 | 2 Z | 2.2 | 38 | 53 | 9 | 5 | 3 2 2 |







| REF. | PART NO. | QUANT. USED | DESCRIPTION |
|------------|----------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | · | FIG. 1 - CYLINDER BLOCK GROUP - EXTERNAL (Cont.) |
| 4 6 | (FM)8N-6023 | 1 | Pin, Timing. Baffle, Valve Chamber. |
| 3 | 110A347 | | Left. |
| 36 | 110A348 504-11 | - | Valve, Oll Drain. |
| 3.5 | 406A45 | 8 | Spring, Baffle - Valve Chamber. |
| 88 | (FM)8N-6345A | . | Bolt, Grankshaft Bearing Cap. |
| 8 Q | (FM)40-6310A | | Slinger, Crankshaft Oil. |
| ; ∓ | (FM)2N-6312 | - | Pulley, Crankshaft. |
| 4 | 185-28 | - | Ratchet, Crankshaft Starting Crank - (FM)2N-6319-A1. |
| 43 | 185-63 | - | Gasket, Oil Pan - Right - (FM)8N-6710. |
| 7 | (FM)9N-6675 | - | Pan, Oll. |
| 45 | 102A52 | ~ · | Gasket, Oll Pan Drain Cap. |
| 48 | 101A53 | ٠, | Cap, Oil Drain. |
| . 47 | 185-67 | 4 • | Gasket, Old Fan - Lett - (FM)on - Olli. |
| 4 8 | (FM)B-6700-A3 | - (| Packing, Crankenal - Front - Lower, |
| 4 | 185-61 | r e • | PECKING, CTHINGHAIL - ROLL - FINION - OLD - CHUPTON - CANDEN - CAN |
| 2 | 503A95 | - • | Hodge, OH Drain - Begin Seriat waters. |
| | 505-100 | :a · | Nipple, Oil Drain, 1/200 |
| | 502-133 | - 4 • | Ellow, Sifect - I.A Oll Diam Cap. |
| • | 520A367 | - 69 | Stud, Valve Chamber Cover. |
| • | | | FIG. 2 - CYLINDER BLOCK GROUP - INTERNAL |
| n | 185-34 185-35 185-39 | 440 | Valve - For 2 Piece Guide - Prior to Serial #417757. Exhaust - (FM)9N-6505A. Intake - (FM)11T-6505A. Guide, Valve - 2 Piece Design - (FM)40-6510C - Pair (Replaces (FM)40-6510B) Prior to Serial |
| | | | 411757. |



PARTS LIST

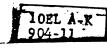


| | QUANT. USED DESCRIPTION | FIG. 2 - CYLINDER BLOCK GROTID PRIMERS. | CONT.) | Retainer, Valve Guide - Prior to Serial 841772 - June 1 | Spring, Valve - For 2 Piece Guide - Prior to Serial #417757 - (FM)3NC AESS | Tappet, Valve. | Prior to Spec "J" (Non-Adjustable) Replaces (FM914 ago, An | Valve. Extense Fraish Fraish | Begin Serial #417757 to committee | Begin Spec "J" (Roto Type) - (FM)8N-6505A. | Valve, Intake - For 1 Piece Guide - Berlin Sasini Marines | #417757 417757 41760 Delagn - (FM)8BA-6510B - (Replace (FM)8BA-6507A. | Spring, Valve - For 1 plene Cuits main and a spring, Valve - For 1 plene Cuits | Seat, Valve Spring - For 1 piece Guide - Berlal #417757 - (FM)8N-6513. | Seal. Infake Value Seat - Begin Serial #417757 to Spec "J" - (FM)74A_8510 | Camphart Camphart Culture - Begin Serial #417757 - (FM)888-6571 | Begin Serial #417757 | Prior to Serial #417757 | Gear, Camshaft Timing - (FM)7RA-6256A Bentage (master) | Ding Committee Begin Serial #417757 (FM) 7DA OPE | Flowbasi and Cear Locking. | Gear. Flywhool Ding Cear - Replaces (FM)9N-6375. | Dowel. Elympol Anna | Retainer, Ring - Flywheel Down | Grankshaft, | Bearing, Crankshaft Center - Upper or Lower - (washow same) | Cap. Crankshaft Front or Rear - Upper or Lower - (FM)9N-6333A | Cap, Crankshaft Rear Bearing. | 9 |
|---|----------------------------|-----------------------------------------|------------|---------------------------------------------------------|----------------------------------------------------------------------------|----------------|------------------------------------------------------------|------------------------------|-----------------------------------|--------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------|-------------------------|--------------------------------------------------------|--------------------------------------------------|----------------------------|--------------------------------------------------|---------------------|--------------------------------|-------------|-------------------------------------------------------------|---------------------------------------------------------------|-------------------------------|---|
| | SU | | • | * • | 0 | - | ** | • | ▼ . | ₹ ₹ | • | • | ∞ (| æ = | ₹ ₩ | | - | ~ . | ~ - | ٠. | - | - | ~ | ٦. | ٦ , | 4 | ٠ ~ | - | |
| | REF. PART NO. NO. | | 185.40 | 185-41 | 185-43 | (FM) RDA BEND | (FM)8N-6500 | | 185-33 | 185-37 | 185-38 | | 185-42 (FW)8DA gesa | 185-44 | 185-47 | | (FM)8N-6250 | (FM)ZNC-6250B | 185-25 | (FM)91A-6258 | (FM)8N-6375 | (FM)9N-6384 | (FM)B-6387A | (FM)7RA-7609 | 185-29 | 185-30 | (FM)9N-6330 | (r M)8N-6325 | |
| 1 | ZZ | | 673 | ~ | r. | • | × | _ | | ; m | | | 0 | _ | . | _ | | | | | | | | | | | | | |



| ZEF. | PART C | QUANT. USED | DESCRIPTION |
|----------|----------------|----------------|----------------------------------------------------------------------------------------|
| | | | FIG. 2 - CYLINDER BLOCK GROUP - INTERNAL (Cont.) |
| 26 | | | Cap. Crankshaft Front Bearing and Oil Pump Bods. |
| | (FM)8N-8603 | - | Begin Serial #417757 |
| | 185-51 | - | Prior to Serial #417757 - (FM)9N-6603 |
| 2.2 | (FM)48-6306A | - | Gear, Crankshaft. |
| 88 | 192B4 | - | Crank, Manual Starting. |
| 29 | 405A44 | - | Clamb. Starting Grank - Complete W/1/4-20 Wing Nut. |
| 30 | 185-17 | | Piston and Pin - Aluminum (FM)8N-6108B (Replaces (FM)2N-6110A Steel Piston) NOTE: When |
| : | | | viously you must replace the complete set of 4. |
| <u> </u> | | • | Ring Set, Piston - For 4 Pistons. |
| | 185-20 | - | For Aluminum Pistons Only - (FM)8N-6149A. |
| | (FM)1NC8-6149A | - | For Steel Pistons Only. |
| 32 | 185-18 | ~ | Pin, Piston - (FM)19A-6135A. |
| 33 | (FM)78-6140 | ₩ | Ring, Piston Pin Retaining. |
| 7 | 185-21 | ₹ | Rod, Connecting - Less Bearings - W/Nuts - (FM)9N-6200B. |
| 4₹ | (FM)21A-62070 | * | Bushing, Connecting Rod - To Piston Pin. |
| 55 | 185-24 | 80 | Bearing, Connecting Rod - Upper or Lower - (FM)9N-6211A. |
| 9 | (FM)7HA-6212 | ₩ | Nut, Connecting Rod. |
| 1 | (FM)45218-8 | ∞ | Nut, Connecting Rod Nut Lock. |
| . 8 | | | Tube Assembly, Inlet. |
| | (FM)8N-6615 | - | Begin Serial #417157. |
| | (FM)9N-6615 | - | Prior to Serial #417757. |
| 2 | 121A1 | - | Gasket, Oll Pump. |
| _ | | | Gear, Oll Pump Driven - Internal. |
| • | 185-54 | | Begin Serial #417757 (FM)8N-6610. |
| | (FM)52-6610 | - | Prior to Serial #417757. |
| - | | | Gear, Oil Pump Drive - Internal. |
| | (FM)8N-6614 | - | Begin Serial #417757. |
| | 185-56 | - | Prior to Serial #417757 - (FM)52-6614B. |
| 22 | 185-55 | | Buehlng, Oil Pump Body - (FM)9N-6612A. |
| 5 | | | Gear and Shaft. Oil Pump Drive. |
| | (FM)8N-6608 | 1 | Begin Serial #417757. |
| | (FM)9N-6608 | - | Prior to Serial #417757. |







| DESCRIPTION | FIG. 2 - CYLINDER BLOCK GROUP - INTERNAL (Cont.) | Cap, Valve Stem Roto - Begin Spec "J". Seat, Valve Spring - For 1 Piece Guide (Roto Valve only) Begin Spec "J". Lock, Valve Spring Seat - (Use W/Roto Valve Only) Begin Spec "J". Valve Kii, Exhaust - Roto Type. | FIG. 3 - OIL FILTER GROUP | Filter, Oil. Cartridge, Oil Filter. Line, Oil - Filter Outlet. Line, Oil - Filter Linet. Connector, Straight - Oil Filter Line. Connector, Straight - Oil Filter Line. Elbow, Oil Filter Line. Tee, Oil Line - Dressure Element. Tee, Oil Line - Pressure Element. Gauge, Oil Pressure (Replaces #193-33) For Plants with Parts Key Nos. 4, 5 and Elbow, Restricted - Pressure Element. Nipple, Pipe - 1/8 x 1-1/2" - Pressure Element. Elbow, Pipe - 1/8 x 3/4" - Pressure Element. |
|--------------------|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QUANT. USED | | 4484 | | - जननम् ८ ८ न न न न न न न |
| PART NO. | | /FM)8EQ-6550B /FM)8RT-6514B (FM)EAM-6518A (FM)8N-6546B | | 122-41 122-37 122-43 122-44 502-3 502-3 502-8 502-6 502-6 502-40 503-40 505-104 505-37 |
| ZEF. | | 2222 | | |



| : | | 20 | | | | PARTS | LIST | | | | |
|----------|----------------------------------------|----------|----------------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | DESCRIPTION | FIG. 4 - GOVERNOR GROUP | Governor Assembly - Includes Gear. Gasket, Governor Mounting. Stud, Governor Linkage. Joint, Bail - Governor Linkage (Replaces #150-69). Spring, Governor. Gear, Governor Driven. Linkage Assembly, Governor (Includes Stud, Ball Joints and Hardware). | FIG. 5 - MUFFLER GROUP | Elbow, Exhaust - For Plants with Parts Key Nos. 4, 5 and 6. Tube, Exhaust - Flexible - For Plants with Parts Key Nos. 4, 5 and 6. Clamp, Exhaust Pipe - Replaces 47802. | Elbow, Exhaust - For Flants with Parts Key Nos. 1, 2 and 3. Coupling, Pipe - 1-1/2" - For Plants with Parts Key Nos. 1, 2 and 3. Kliptle, Pipe - 1-1/2" x 14" - For Plants with Parts Key Nos. 1, 2 and 3. Elbow, Phenet | Bracket, Muffler Mounting - For Plants with Parts Key Nos. 1, 2 and 3. | FIG. 6 - RADIA TOR GROUP | Radiator. Guard, Fan - Right - For Plants with Parts Key Nos. 1, 2 and 3. Guard, Fan - Left - For Plants with Parts Key Nos. 1, 2 and 3. Hose, Radiator - Upper. |
| | Taller (A) (No. 27) man o'i decidente | | QUANT. USED | | ਕਿਸਮ 19 ਜਸਮ | | ed ped 69 v | ed est est est e | (| | |
| . | MADE AT AN AUTHORISE | <u>.</u> | PART NO. | | 161832 103A53 520A198 150A638 151A137 151-108 | | 155A 205 155B185 155A 20 | 155B164 505-32 505-162 505-43 | 155B74 | | 130B72 130C59 130C58 603A2 |



REF.





| PART QUANT. DESCRIPTION NO. USED | FIG. 6 - RADIATOR GROUP (Cont.) | sonna Clamp. Hose - Upper Hose. | 1 | 503P4 Claimy, note Lond. | Hoge, Radiator - Lower. | Road 1 For Plants WITHOUT Charging Generator. | • | 503-125 I FOT FIRMS WILL CHAIRING CONSTRUCT. | 504-3 1 Valve, Radiator Drain. | - | | FIG. 7 - WATER PUMP & IDLER POLLET CROSE | 185-70 1 Pump, Water - (FM)8N-5501 - Replaces (FM)-5004 | to 1948 is replaced by (FM)8N-8501 HOWEVER component parts are 1952 | 132A53 1 Gasket, Water Pump to Cylinder Block. | Ŝ | 185-72 1 Begin Serial #417757 - (FM)8N-8508. | 1-8508 | T Ca | 1.8516 | - | | | 1 | • | En 19 1 For Planta WITHOUT Charging Generator. | 4 - | 4 | _ | 130C325. 1 Fan, Radiator - 6 Blade. | | 130B322 1 Arm. Idler Pulley. | |
|----------------------------------|---------------------------------|---------------------------------|---------|--------------------------|-------------------------|-----------------------------------------------|------|----------------------------------------------|--------------------------------|--------|---|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------|---|----------------------------------------------|----------|----------|------------|------------|------------|--------|--------|--------|------------------------------------------------|--------|--------|--------|-------------------------------------|--------|------------------------------|---|
| PART NO. | | £0304 | # H COO | 503P4 | | R03 A 1 | 1400 | 503-125 | 504-3 | 309-11 | | | 185-70 | | 132A53 | | 185_72 | (FM)9N-8 | 132.A 54 | (FM)2N_R | (FM)2N_R | 105.77 | 105.78 | 185.71 | ¥11001 | 611 10 | 77-110 | 19-691 | 185-80 | 130C325 | 516-55 | 130B322 | |
| NEF. | | • | G 1 | . | | • | | | œ | | , | | | | _ | | | | • | , - | r w | , a | o t | - a | o c | > | | | 01 | 11 | 13 | 13 | 2 |



| DESCRIPTION | FIG. 7 - WATER PUMP & IDLER PULLEY GROUP (Cont.) | Ring, idler Pulley Lock. Bearing, idler Pulley. Stud, idler Pulley. Pulley, idler. Screw, Belt Tension Adjusting. Repair Parts Kit, Water Pump. Prior to Serial #417757. Begin Serial #417757. | Cable, Battery - 28" - For Plants with Parts Key Nos. 4, 5 and 6. Cable, Battery - 15" - For Plants with Parts Key Nos. 1, 2 and 3. Cable, Battery Jumper. For Plants with Parts Key Nos. 1, 2 and 3 (5" Long). For Plants with Parts Key Nos. 4, 5 and 6 (6-3/4" Long). Grommet, Wire Bracket - Not Used on all plants. Bracket, Hi-Tension Wires - Not used on all plants. Bracket, Spark. Gasket, Spark Plug and Adapter. Lead, Spark Plug - #1 - Not Shielded - Begin Serial #417757. Lead, Spark Plug - #3 - Not Shielded - Begin Serial #417757. Lead, Spark Plug - #3 - Not Shielded - Begin Serial #417757. Lead, Spark Plug - #4 - Not Shielded - Begin Serial #417757. Begin Serial #417757. Brior to Serial #417757. |
|----------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QUANT. USED | | ्नसम्बद्धः सम्ब १ | пп ненечонен нен |
| PART NO | • | 130A323 510A35 130A321 130A320 130A94 132K42 (FM)CPN-8591A | 416A71 416-14 416-1 416A4 (FM)RN-12112B 167A4 167A4 167A1093 167A1070 167A1077 167A1077 167A1077 167A1077 167A1077 167A1077 167A1077 167A1077 |
| REF. | .: | 100 | |



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Contract of the State of the Contract of the C

| QUANT. USED DESCRIPTION | FIG. 8 - IGNITION GROUP (12 VOLT BATTERY IGNITION) | 1 Raring Sales | 1 Prior to Serial #417757. | Point Set, Distributor - Prior to Serial #417767. | Drior to Serial #417757 | Rotor, Distributor | 1 Begin Serial #417757. | Gear, Distributor - Prior to series | | - | Prior to Serial #417757. | Coll, Ignition - 12 Volt (Replaces Signification) | Spacer, Coll Clamp Mounting. | Condenses Condenses | Lead, Spark Plug - #1 - Not Shirt, 312A71 or 31 | Lead, Spark Plug - 12 - Not Shielded - Prior to Serial 417767. | Lead, Spark Plug 44 Not Shielded - Prior to Se | Suppressor "L" Shaped. | Condult, Spark Plus Lead | Gasket, Distributor Gearcase - Berlin 4417767. | 1 Drive Assembly, Magneto - Prior to approximately 7/1/43 to Serial #417757. Illustrated. |
|----------------------------|----------------------------------------------------|----------------|----------------------------|---------------------------------------------------|-------------------------|--------------------|-------------------------|-------------------------------------|-----------------|--------------|--------------------------|---------------------------------------------------|------------------------------|---------------------|-------------------------------------------------|----------------------------------------------------------------|------------------------------------------------|------------------------|--------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------|
| NO. NO. | | (FM)8N-12106 | 160A186 | (FM)7RA-12171 | 166P246 | (FM)7RA-12200 | | 166A78 | (FM)78 A 19800m | 312-10 | 160A181 168D250 | 166A33 · | 166B101 | 312A58 | 167A1078 | 167A1079 167A1080 | 314P32 | 314P6 | 160A424 | 160C179 | F 07000 |



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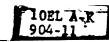
| | DESCRIPTION | FIG. 8 - IGNITION GROUP (12 VOLT BATTERY IGNITION) Cont | Gasket, Gearcase Cover - Prior to Serial #417757. Cover, Gearcase - Prior to Serial #417757. | Stud, Distributor Drive Thrust - Prior to Serial #417757. | Lead, Distributor to Coll. Grommet, HI-Tension Cable, |
|-----------|-------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|
| OUANT | USED | | | - - | |
| REE. PART | NO. | | 103A52 160A180 520A185 | 167A42 167A107A | 508-1 |
| REF. | 2 | | | 38 40 | |

FIG. 9 - MOUNTED FUEL TANK GROUP - OPTIONAL

For Plants with Parts Key Nos. 1,2 and 3.

| Tank Kit, Fuel - Contains entire group. Gauge Kit, Fuel - Tank and Panel Units - Includes items marked (*) plus hardware. *Gasket, Fuel Gauge - Tank Unit. *Gasket, Fuel Gauge Tank Element. *Gauge, Fuel - Panel Unit. | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tank Kil, Fuel - Contains entire group. Gauge Kit, Fuel - Tank and Panel Units. Element, Fuel Gauge - Tank Unit. Gasket, Fuel Gauge Tank Element. | Wire, Fuel Gauge. Cap, Tank Breather Pipe. Nipple, Breather Pipe. Cap, Fuel Tank. Rod, Fuel Tank Tie (Replaces #159B68). Elbow, Fuel Line. Elbow, Street. Valve, Fuel Shut off. Nipple, Close. Line, Fuel. Filler, Fuel. |
| | ⁴ = = = R = = R = = = = = = = = = = = = |
| 159K200 193K1 193B15 193A10 193A11 336A345 | 123A250 505-133 159B20 159B36 159D70 502-20 505-49 504P4 502-46 501-9 149A12 |
| 11B | 6450 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 |







| DESCRIPTION | FIG. 10 - BEPARATE FUEL TANK GROUP |
|----------------|------------------------------------|
| QUANT. USED | |
| PART NO. | - |

For Plants with Parts Key Nos. 4,5 and 6.

| LOI FIGURE WILL ENGLISH AND TOOL OF THE STATE OF | 1 Tank, Fuel - 5 Gallon. 1 Valve, Shut off. |
|--------------------------------------------------|---------------------------------------------|
| FUL FIGHES WITH F. M. | 415A10 504A13 |
| | - 22 |

FIG. 11 - FUEL SYSTEM GROUP - GASOLINE

| 140C150 | | Inite Prior to approximately 9/1/61 use also Bracket #140A255. Replaces #140A153 and #140A154. Carburetor. to Pump #140-67 plus fittings. |
|---------|--|----------------------------------------------------------------------------------------------------------------------------------------------|
|---------|--|----------------------------------------------------------------------------------------------------------------------------------------------|





The same the same of the same

| REF. | PART NO. | QUANT. USED | DESCRIPTION |
|--------------|-------------|----------------|------------------------------------------------------------------------------------------------------|
| | | FIG. 12 | FIG. 12 - FUEL SYSTEM GROUP - GAS-GASOLINE (OPTIONAL) |
| | 148K61 | - | Conversion Kit, Gasoline to Gas-Gasoline - Includes entire group (For Battery Ignition Plants Only). |
| | 140B56 | - | Tube, Air Cleaner. |
| ~ | 140A255 | - | Bracket, Air Cleaner - Replaces #140B65. |
| 6 | 148B47 | - | Adapter Assembly, Choke - Includes Butterfly. |
| - | 154A49 | 7 | Gasket, Carburetor Mounting. |
| 20 | 142C171 | - | Carburetor Assembly - Gas, Gasoline. |
| 9 | 503-32 | 84 | Clamp, Hose. |
| 7 | 503-84 | | Hose, Rubber. |
| & | 505A10 | - | Nipple, Half. |
| 6 | 505-38 | 83 | Elbow, Regulator - 90°. |
| 10 | 505-71 | - | Nipple - 2". |
| 11 | 502-20 | | Elbow, Street - Carburetor Inlet. |
| 12 | 505-99 | | Nipple, Clobe - Regulator. |
| 13 | 505-20 | - | Bushing, Reducer - Regulator . |
| 14 | 148A428 | - | Regulator, Gas - Atmospheric Type - Replaces 148A9. |
| 15 | 148A117 | | Bracket, Regulator Mounting. |
| 16 | 153-26 | - | Gasket, Automatic Choke. |
| 17 | 153A20 | - | Lock Assembly, Automatic Choke. |
| | 505-8 | | Plug, Slotted Head - Regulator. |
| | | • | , |



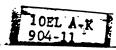


Carburetor - Gasoline Omly.
Needle, Idle Adjusting.
Spring, Idle Adjusting Needle.
Body Assembly, Throttle - Not Sold Separately - Order New Carburetor.
Screw, Body to Bowl.
Nozzle, Discharge.

142C180 142-85 142-76

142-67 142-90

FIG. 13 - CARBURETOR GROUP



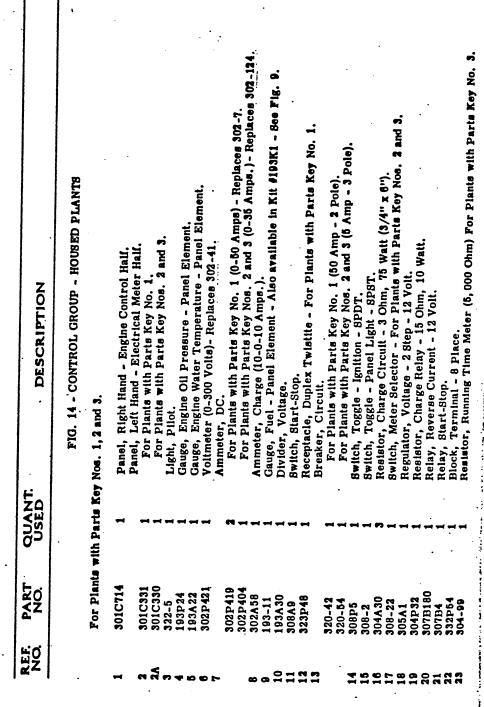


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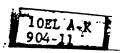
QUANT. PART REF.

| DESCRIPTION | FIG. 13 - CARBURETOR GROUP (Cont.) | Gaaket Met Norel | Jet. Main Mozzie. | Needle Aggembly Main Adireting | Gasket. Main Adjusting Noods. | Spring, Main Adjusting Needle. | Screw Throttle Value 44 40 - 4 444 | Valve. Throttle | Spring. Main Adduction Monday makes | Shaff and Leven Assemble min. Att. | Gasket, Body to Dom! | Cashet Washen mind to | Capaci, washer - Float Valve Seat. | Christ Allrottie Blop Berew. | Screw, Inrottle Stop. | Jet, Economizer. | Jet, Idle. | Venturi, | Valve Assembly. Final Intak | Shaft, Float | Float Assembly | Bowl Aggembly - Not gold generated. | Same Challe 12 100 Dolu Departitely - Order New Carburetor. | DOLOW, CHOKE VRIVE - #4-40 X 1/4". | Touch Older | Lever, Choke Shalt. | Shaft, Choke, | Bushing. | Packing, Choke Shaft | Pluz. Carburetor Drets - U 19-1 | Spring Choke Value Flame. | Din Throttle gion | Donker Marks Aller | washer, main Adjusting Needle, | ocrew, Drill Plug Nozzle Hole - #8-92. | Gasket Kit, Carburetor. |
|-------------|------------------------------------|------------------|-------------------|--------------------------------|-------------------------------|--------------------------------|------------------------------------|-----------------|-------------------------------------|------------------------------------|----------------------|-----------------------|------------------------------------|------------------------------|-----------------------|------------------|------------|----------|-----------------------------|--------------|----------------|-------------------------------------|-------------------------------------------------------------|------------------------------------|-------------|---------------------|---------------|----------|----------------------|---------------------------------|---------------------------|-------------------|--------------------|--------------------------------|----------------------------------------|-------------------------|
| USED | • | - | - | | - | = | ~ | - | - | - | - | - | ۰. | - | - | ٠, | - | - | | | - | - | ~ | : - | · - | ٠, | · | ~ | - | ~ | - | - | - | - t | ٠. | |
| ÖZ | | 142-70 | 142-118 | 142-339 | 142-71 | 142-336 | 142-334 | 142-60 | 142-78 | 142-59 | 142-69 | 148A17 | 142-75 | 142_64 | 142.02 | 142 110 | ATT-211 | 142-117 | 142-106 | 142-84 | 142-83 | | 142-334 | 142-80 | 14111162 | 149497 | 112727 | 143A30 | 142-88 | 142-103 | 142-335 | 142-120 | 142-99 | 142-332 | 142_110 | 011-71 |
| 0 | • | € | 6- 1 | 80 | c | 01 | 11 | 12 | 13 | 14 | 15 | 16 | 17. | 18 | 10 | 200 | 2 6 | 12 | 7.7 | 23 | 24 | 25 | 5 8 | 27 | 28 | 20 | | | 10 | | _ | - | • | _ | - | • |









PARTS LIST

| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
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| 50 3035. Q |
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| |

| | Ċ | USED | DESCRIPTION |
|-----|----------|------------|------------------------------------------------------------------------------|
| • | | | FIG. 14 - CONTROL GROUP - Hotturn no assets 2 |
| • | 302-123 | • | Transformer Current to the transformer Come, |
| , | 1 | | Meter Binning Time For Plants with Parts Key Nos. 2 and 3. |
| | 302-212 | - | 60 Cycle Diante (Danie - Optional, |
| - 3 | 302-102 | - | for the final (replaces #302-68). |
| 6.3 | 101C446 | - | Door Cycle Plants. |
| 43 | 322-4 | • | Lamp Dilet 1 tels 10 cm. |
| | | | Blish Color Light - 12 Volt. |
| 43 | 332A 20 | ~ | out, Output Jerminal - Insulated. |
| က | 332A20 | • | The Plants with Parts Key No. 1. |
| 63 | 332A3B | , | For Plants with Parts Key Nos. 2 and 3 |
| • | | ~ | Bind, Output Terminal - Grounded - For Dimes |
| • | 113001 | | Block, Output Terminal Stud |
| 9 6 | 332521 | M (| For Plants with Parts Key No. 1 |
| • | Yacas | מ | For Plants with Parts Key Nos. 2 and 9 |
| • | 332A22 | ¢ | Bushing, Terminal Block, |
| • | 332A 22 | × • | For Plants with Parts Key No. 1 |
| • | | 7 | For Plants with parts Key Non 2 and 9 |
| | 332-142 | • | Terminal, Solderless, |
| | 332-142 | ~ ~ | For Plants with Parts Key Non. 1 and 1 |
| 5 | | • | For Plants with Parts Key No. 2 |
| 31 | 312_58 | • | Condenser, Output Terminal. |
| 3 | 312-58 | 7 | For Plants with Parts Key No. 1 (1 Med.) |
| 7 | 312-18 | n | For Plants with Parts Key No. 2 (1 1864). Replaces 31ZA15. |
| 5 8 | 304 A 74 | , | For Plants with Parts Key No. 4 (A Mac.) - Replaces 312A15. |
| | F 7 C F | _ | Resistor, Field Discharge, 2000 C. Mid.). |
| | 307.B40 | - | Switch, Start Solemon Se - AZOU Onm - For Plants with Parts Key Nos. 2 and 4 |
| غ څ | 306A28 | - | Relay, Start-Disconnect |
| Ó | 102553 | ~ | Gauge, Engine Water Temperature |
| Š | 0.000 | ~ | Gauge, Oil Pressure Figure Figure Figure 1 |
| ž 3 | 308A146 | ∞ | Switch, High Water Tameria Edement. |



| DESCRIPTION | FIG. 14 - CONTROL GROUP - HOUSED PLANTS (Cont.) Switch, Remole Start-Stop Control (Replaces 4308-40 and 308A94) Block, Terminal - 4 Place - For Remote Connection, Element, Fuel Gauge - Tank Unit, Cable, 3 Wire - Remote Control - Order by foot, | |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| QUANT. USED | | |
| FF. PART | 308A165 332A18 163B15 334A27 | - |
| ÄÖ. | | |

FIG. 15 - CONTROL GROUP - UNHOUSED PLANTS

For Plants with Parts Key Nos. 4,5 and 6.

| Box, Resistor Mounting. Resistor - 3 Ohm, 75 Watt (3/4" x 6"), | Resistor - 15 Ohm, 10 Watt. Stud, Resistor Mounting. Relay. Ston | Block, Terminat. Switch, Start Solenoid. Terminal, Battery Positive. Terminal, Battery Negative. | Nelay, Start-Disconnect. Switch, Toggle - Remote - Hand Crank. Ammeler, Charge (10-0-10 Amp.). Switch, Start-Stop. | Neiay, Meverse Current - 12 Volt. Cover, Control Box. Box, Control. Bracket, Control Box Mounting. Cover, Terminal Box. |
|----------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| ₩8+ | · + 6 + | ~~~~ | **** | र का च्या का का |
| 301C657 304A30 305A1 | 304P32 520A191 307B4 | 332-222 307B40 332A170 332A171 | 308P5 302A58 308A26 307B180 | 301C202 301C683 301A407 301C143 |
| - 99 | 400 | - # a C I | 2 2 4 5 | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |







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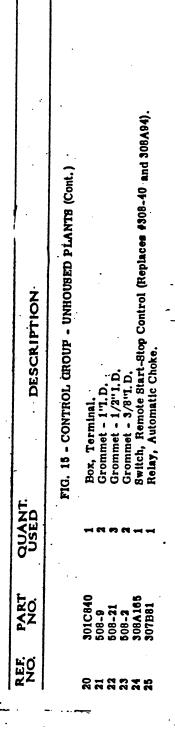
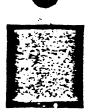


FIG. 16 - GENERATOR GROUP

NOTE: AC Generator Part Numbers shown in this group apply only to inherently regulated generators. For a plant using an automatic voltage regulator, order generator parts by part description and ONAN nameplate information using this list as a guide only. The plant model Spec Number will be different from the Spec Numbers shown in the Plant Data Table,

| - 7 | 321A4 | • | Shoe, Pole - Exciter Field (4-1/2" Long). |
|-----------|----------|------|--------------------------------------------------------------------------------------------|
| 1 | 222A1036 | - | For Plants with Parts Key Nos. 1, 2 and 3. |
| | 222A1036 | - | For Flants with Parts Key Nos. 4, 5 and 6. Spec G and H only (lise with A" rotor stock) |
| | 222A1038 | - | Bern Spec "I" (Has with A" motor stack). |
| • | 232B55 | | Cover Bearing |
| • | 232A57 | - | Cankel Bearing Ower |
| 10 | 211C11 | - | Bell. End |
| ₩. | 232B122 | - | Rand Find Bell |
| 2 | 402A27 | · 69 | Cushion Constant Manuster |
| ∞ | 232B84 | - | Dista Generator Cons. |









PARTS LIST



| 1 = 1) | F. PART. QUANT. DESCRIPTION |
|--------|-----------------------------|
| | REF. PAI |





| DESCRIPTION | FIG. 17 - HOUSING GROUP (Cont.) | Tray, Battery - For Plants with Paris Key Nos. 1, 2 and 3. Frame, Battery Hold Down - For Plants with Paris Key Nos. 1, 2 and 3. | Cover, Bearing Inspection - For Plants with Parts Key Nos. 1, 2 and 3. | Knob, 10p Cover - Attached with Sheet Metal Screw - For Plants with Parts Key Knob, Rear End Panel Door - Attached with Sheet Metal Screw - For Plants with Parts Key | Nos. 1,2 and 3. Panel. Door - For Plants with Parts Key Nos. 1,2 and 3. | Right Hand (Replaces #405D386). | Left Hand. | Cover, Fuel Tank Neck Hole - For Fully Lees Italy | Handle, Door - For Plants with Farts ney nos. 1, a min c. | Bracket, Engine Mounting. | Cushion, Engine Mounting - Lower. | Cup, Lower Cushion. | Cushion, Engine Mounting - Upper. | Pin, Engine Mounting. | Catch, Panel Door - Use with #406-90 Knos - France Work and 1.2 and 3. | Clip, Cover Latch - Top Plate - For Flants With Fairs hey 100: 1, 2 |
|----------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------|------------|---------------------------------------------------|-----------------------------------------------------------|---------------------------|-----------------------------------|---------------------|-----------------------------------|-----------------------|------------------------------------------------------------------------|---------------------------------------------------------------------|
| QUANT. USED | | - | | ra 🕶 | | - | - | - | → | - - | | - | - | | - | ~ |
| PART NO. | · · | 416B87 | 416561 405A216 | 406-2 | | 405D916 | 4050376 | 159A158 | 408A9 | 403B140 | 402-10 | 402-12 | 402-11 | 402A68 | 406-88 | 406A45 |
| REF. | | # | 12 13 | 14 | | 2 | | 16 | 17 | 8 | 10 | 202 | 2 | 22 | i | |

FIG. 18 - MOUNTING GROUP - UNHOUSED PLANTS

For Plants with Parts Key Nos. 4, 5 and 6.

| Casting, Radiator Top. | panel, Radiator Side - Est. Hand. | Grille, Radiator Front. | Grille, Radiator Rear - Top. | Grille, Radiator Rear - Bottom. |
|------------------------|-----------------------------------|-------------------------|------------------------------|---------------------------------|
| #4 | - i - | - | - | - |
| 405D443 | 405C458 | 405C450 | 405C459 | 405C480 |